



PATENT

ATTORNEY DOCKET NO. 04599/005001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Scott W. Van Arsdell et al. Art Unit:
Serial No.: 08/914,332 Examiner:
Filed : July 14, 1997
Title : OVERCOMING DAP AMINOTRANSFERASE BOTTLENECKS IN BIOTIN
VITAMERS BIOSYNTHESIS

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached
form PTO 1449, copies of which are enclosed.

This statement is being filed before the receipt of a
first Office action on the merits. Please apply any charges or
credits to Deposit Account 06-1050.

Respectfully submitted,

Date: 2/12/93

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Date of Deposit February 13, 1998
I hereby certify under 37 CFR 1.8(a) that this correspondence is being
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James G. Wright